

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

## Module 2 – Tree Diagrams

**1) Make a tree diagram to show all possible outcomes for flipping a coin and rolling a die. (Hint: This is one tree diagram with two events.)**

**2) How many possible outcomes are there?**

**3) What is the probability of rolling a 4 or a 5 with flipping heads?**

4) Make a tree diagram to show all possible menu combinations for Trendel's Thai Palace.

Main Course	Side	Beverages
Ginger Chicken	Satay	Iced Tea
Kung Pao Beef	Shumai	Milk
Spicy Garlic Shrimp	Mee Krob	

5) How many menu combinations are possible?

6) What is the probability that Kung Pao Beef is ordered with Iced Tea?

7) What is the probability that Ginger Chicken is ordered?

8) What is the probability that Shumai is ordered with Spicy Garlic Shrimp?